



500.38090X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): T. WATANABE ET AL.
Serial No.: 09/462,796
Filed: January 13, 2000
For: SEMICONDUCTOR DEVICE, MOUNTING STRUCTURE
THEREOF AND METHOD OF FABRICATION THEREOF
Group: 2811
Examiner: N. Parekh

REQUEST FOR COMPLETE OFFICE ACTION

Assistant Commissioner
for Patents
Washington, D.C. 20231

July 22, 2002

Sir:

Applicants acknowledge the Advisory Action dated May 7, 2002 and the Communication dated May 20, 2002. Applicants verbally informed the Examiner that the Advisory Action was inappropriate response to the Amendment filed on April 29, 2002 because the previous Office Action was not made final. However, the Communication dated May 20, 2002 does not merely withdraw the Advisory Action. It includes an Office Action Summary that states the disposition of the claims and to which is attached the PTO-1449 filed by applicants on April 16, 2002. Applicants request that the Communication be corrected or supplemented to include a substantive response to the arguments and claim amendments made in the Amendment filed on April 29, 2002.

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Letter re
Office Action
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TECHNOLOGY CENTER 2800H

In the Amendment filed on April 29, 2002, applicants traversed: 1) the restriction requirement; 2) that Hosomi et al teach "using pyramid shaped bumps using conventional thermal compression"; 3) that JP 08-191072 to Takahiro shows "a variety of shapes including triangular/conical/square shaped pyramidal bumps bonded onto pad electrodes"; and also introduced claim amendments that the pyramidal bump electrodes: 4) "have a sharp tip" and 5) are formed of "etched pyramidal holes on a base material having a crystal orientation plane."

Applicants request that the period for response to the new Office Action be set to three months from the date of the Office Action.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (500.38090X00).

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

By 
Robert M. Bauer, Registration No. 34,487

RMB/kd
703/312-6600